

**In the Specification:**

Page 8, last paragraph, lines 21-27, please replace as follows:

The ESCP 40 of the AD RTS system is a VMEbus-compatible card that emulates a Spacecraft Control Processor (SCP), hence the name ESCP. The ESCP 40 includes a microprocessor along with supporting circuitry to execute flight software. The ESCP 40 and the simulation engines 12, 13 are accessed to perform data transfers, and to provide/receive data to/from the VIM 16 for real-time data logging and user control. A plurality of ESCPs can be included to reflect the redundancy of operation systems.